

Wei Dong Gao

List of Publications by Year in descending order

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29
papers

1,545
citations

516710

16
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1797
citing authors

#	ARTICLE	IF	CITATIONS
1	Right ventricular diastolic dysfunction and failure: a review. <i>Heart Failure Reviews</i> , 2022, 27, 1077-1090.	3.9	6
2	Remote liver ischemic preconditioning attenuates myocardial ischemia/reperfusion injury in streptozotocin-induced diabetic rats. <i>Scientific Reports</i> , 2021, 11, 1903.	3.3	11
3	Acetate, a Short-Chain Fatty Acid, Acutely Lowers Heart Rate and Cardiac Contractility Along with Blood Pressure. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 377, 39-50.	2.5	32
4	Severe Patients With ARDS With COVID-19 Treated With Extracorporeal Membrane Oxygenation in China: A Retrospective Study. <i>Frontiers in Medicine</i> , 2021, 8, 699227.	2.6	3
5	Propofol prevents disease progression in mice with hypertrophic cardiomyopathy. <i>Cardiovascular Research</i> , 2020, 116, 1175-1185.	3.8	14
6	Right heart in pulmonary hypertension: from adaptation to failure. <i>Pulmonary Circulation</i> , 2019, 9, 1-20.	1.7	36
7	Anesthetic Agents Isoflurane and Propofol Decrease Maximal Ca^{2+} -Activated Force and Thus Contractility in the Failing Myocardium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 615-623.	2.5	6
8	The Genetic and Molecular Bases for Hypertrophic Cardiomyopathy: The Role for Calcium Sensitization. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 478-487.	1.3	17
9	Propofol decreases force development in cardiac muscle. <i>FASEB Journal</i> , 2018, 32, 4203-4213.	0.5	7
10	Involvement of glycogen synthase kinase-3 β in liver ischemic conditioning induced cardioprotection against myocardial ischemia and reperfusion injury in rats. <i>Journal of Applied Physiology</i> , 2017, 122, 1095-1105.	2.5	21
11	Force development and intracellular Ca^{2+} in intact cardiac muscles from gravin mutant mice. <i>European Journal of Pharmacology</i> , 2017, 807, 117-126.	3.5	7
12	Molecular mechanism of anesthetic-induced depression of myocardial contraction. <i>FASEB Journal</i> , 2016, 30, 2915-2925.	0.5	16
13	Nitroxyl, a New Generation of Positive Inotropic Agent for Heart Failure. <i>Engineering</i> , 2015, 1, 401-404.	6.7	3
14	Restoring redox balance enhances contractility in heart trabeculae from type 2 diabetic rats exposed to high glucose. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H291-H302.	3.2	42
15	Cardiac troponin I Pro82Ser variant induces diastolic dysfunction, blunts β -adrenergic response, and impairs myofilament cooperativity. <i>Journal of Applied Physiology</i> , 2015, 118, 212-223.	2.5	10
16	Removal of Abnormal Myofilament α -GlcNAcylation Restores Ca^{2+} Sensitivity in Diabetic Cardiac Muscle. <i>Diabetes</i> , 2015, 64, 3573-3587.	0.6	82
17	Role for the Propofol Hydroxyl in Anesthetic Protein Target Molecular Recognition. <i>ACS Chemical Neuroscience</i> , 2015, 6, 927-935.	3.5	27
18	Nitroxyl-Mediated Disulfide Bond Formation Between Cardiac Myofilament Cysteines Enhances Contractile Function. <i>Circulation Research</i> , 2012, 111, 1002-1011.	4.5	105

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19	Reversal of Isoflurane-Induced Depression of Myocardial Contraction by Nitroxyl via Myofilament Sensitization to Ca ²⁺ . Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 825-831.	2.5	21
20	Preservation of cardiac contractility after long-term therapy with oxypurinol in post-ischemic heart failure in mice. European Journal of Pharmacology, 2009, 621, 71-77.	3.5	10
21	Heart failure-associated alterations in troponin I phosphorylation impair ventricular relaxation-afterload and force-frequency responses and systolic function. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H318-H325.	3.2	53
22	Nitroxyl increases force development in rat cardiac muscle. Journal of Physiology, 2007, 580, 951-960.	2.9	89
23	Apelin increases contractility in failing cardiac muscle. European Journal of Pharmacology, 2006, 553, 222-228.	3.5	122
24	Increased cross-bridge cycling rate in stunned myocardium. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H886-H893.	3.2	7
25	Chronic Treatment With Allopurinol Boosts Survival and Cardiac Contractility in Murine Postischemic Cardiomyopathy. Circulation Research, 2004, 95, 1005-1011.	4.5	114
26	Calcium cycling and contractile activation in intact mouse cardiac muscle. Journal of Physiology, 1998, 507, 175-184.	2.9	113
27	Novel Myofilament Ca ²⁺ -Sensitizing Property of Xanthine Oxidase Inhibitors. Circulation Research, 1998, 83, 423-430.	4.5	99
28	Role of Troponin I Proteolysis in the Pathogenesis of Stunned Myocardium. Circulation Research, 1997, 80, 393-399.	4.5	347
29	Selective Effects of Oxygen Free Radicals on Excitation-Contraction Coupling in Ventricular Muscle. Circulation, 1996, 94, 2597-2604.	1.6	125